chain nodes :
9   12   13   14   15   16   17   18   20   21   22   23   24   25   26   27   28   29   30   31   32   33   34
  35   45   46   47   48   49   50   51   55
ring nodes :
1   2   3   4   5   6   7   8
chain bonds :
3-9   6-55   7-46   9-45   12-13   13-14   15-16   16-17   17-18   20-21   21-22   22-23   24-25
25-26   26-35   27-32   28-30   29-31   30-33   31-34   47-48   49-50   50-51
ring bonds :
1-2   1-5   2-3   3-4   4-5   4-6   5-8   6-7   7-8
exact/norm bonds :
1-2   1-5   2-3   3-4   3-9   4-5   4-6   5-8   6-7   6-55   7-8   7-46   9-45   12-13   13-14   15-16
16-17   17-18   20-21   21-22   22-23   24-25   25-26   26-35   27-32   28-30   29-31   30-33   31-34
  47-48   49-50   50-51

G1:O,S,N

G2:Cy,Ak,H

G3:G2,H,[*1],[*2],[*3],[*4],[*5],[*6],[*7]

G4:G2,[*8],[*9]

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:CLASS   12:CLASS
13:CLASS   14:CLASS   15:CLASS   16:CLASS   17:CLASS   18:CLASS   20:CLASS   21:CLASS   22:CLASS
23:CLASS   24:CLASS   25:CLASS   26:CLASS   27:CLASS   28:CLASS   29:CLASS   30:CLASS   31:CLASS
32:CLASS   33:CLASS   34:CLASS   35:CLASS   45:CLASS   46:CLASS   47:CLASS   48:CLASS   49:CLASS
50:CLASS   51:CLASS   55:CLASS

5 Nov. 2007

U.S. Application No. 10/522,250 - Compound Search

L1   STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful
FULL SEARCH INITIATED 15:32:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   1159 TO ITERATE

100.0% PROCESSED   1159 ITERATIONS   304 ANSWERS
SEARCH TIME: 00.00.01

L2   304 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   .   172.10   172.31

FILE 'CAPLUS' ENTERED AT 15:32:54 ON 05 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907 - 5 Nov 2007 VOL 147 ISS 20
FILE LAST UPDATED: 4 Nov 2007 (20071104/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
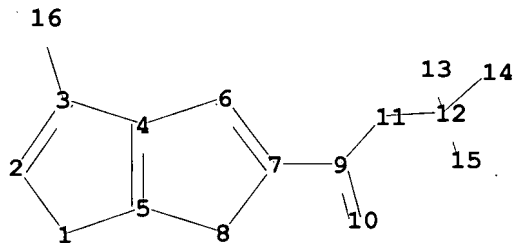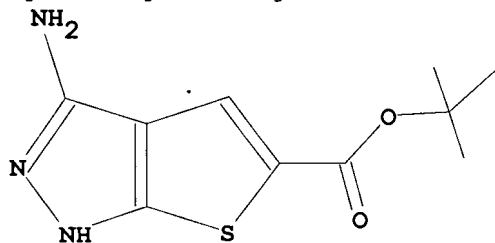They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l2

L3   13 L2

=> d ibib hitstr 1-13

5 Nov. 2007

Uploading C:\Program Files\Stnexp\Queries\10 series\10522250\Claim 5.str

chain nodes :
9 10 11 12 13 14 15 16
ring nodes :
1 2 3 4 · 5 6 7 8
chain bonds :
3-16 7-9 9-10 9-11 11-12 12-13 12-14 12-15
ring bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-8 6-7 7-8
exact/norm bonds :
1-2 1-5 2-3 3-4 3-16 4-5 4-6 5-8 6-7 7-8 9-10 9-11 11-12
exact bonds :
7-9 12-13 12-14 12-15

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:CLASS
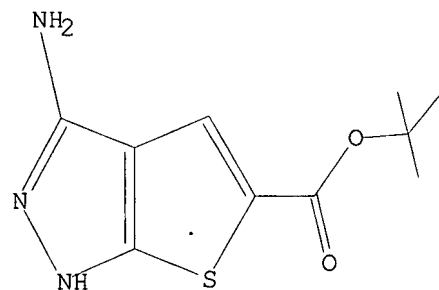11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS

L1   STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1   STR

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful
FULL SEARCH INITIATED 14:23:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   41 TO ITERATE

100.0% PROCESSED   41 ITERATIONS   1 ANSWERS
SEARCH TIME: 00.00.01

5 Nov. 2007

L2   1 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   172.10   172.31

FILE 'CAPLUS' ENTERED AT 14:23:07 ON 06 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 6 Nov 2007 VOL 147 ISS 20
FILE LAST UPDATED: 5 Nov 2007 (20071105/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
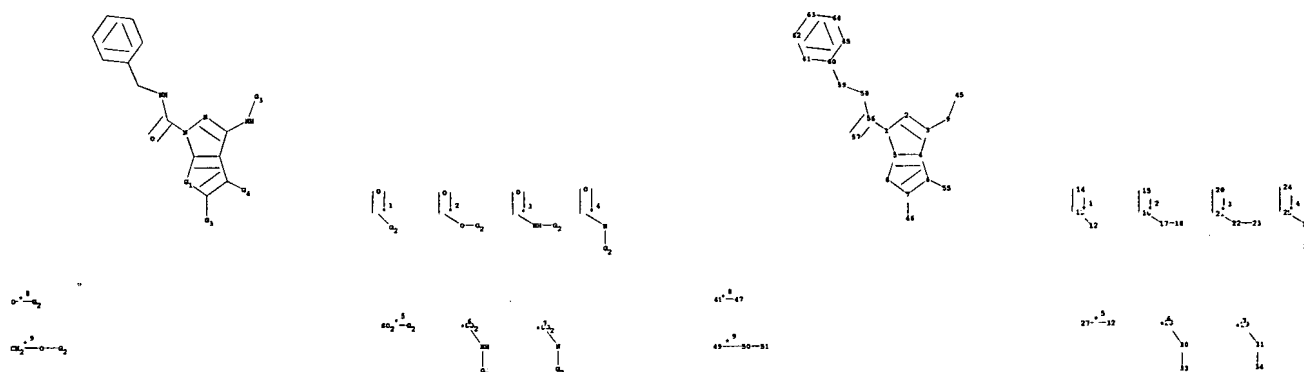They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l2
L3   3 L2

=> d ibib hitstr 1-3

5 Nov. 2007

Uploading C:\Program Files\Stnexp\Queries\10 series\10522250\resin.str

chain nodes :
9   12   13   14   15   16   17   18   20   21   22   23   24   25   26   27   28   29   30   31   32
33   34   35   45   46   47   48   49   50   51   55   56   57   58   59
ring nodes :
1   2   3   4   5   6   7   8   60   61   62   63   64   65
chain bonds :
1-56   3-9   6-55   7-46   9-45   12-13   13-14   15-16   16-17   17-18   20-21   21-22   22-23
24-25   25-26   26-35   27-32   28-30   29-31   30-33   31-34   47-48   49-50   50-51   56-57   56-58
 58-59
59-60
ring bonds :
1-2   1-5   2-3   3-4   4-5   4-6   5-8   6-7   7-8   60-61   60-65   61-62   62-63   63-64   64-65

exact/norm bonds :
1-2   1-5   1-56   2-3   3-4   3-9   4-5   4-6   5-8   6-7   6-55   7-8   7-46   9-45   12-13
13-14   15-16   16-17   17-18   20-21   21-22   22-23   24-25   25-26   26-35   27-32   28-30   29-31
 30-33   31-34
47-48   49-50   50-51   56-57   56-58   58-59   59-60
normalized bonds :
60-61   60-65   61-62   62-63   63-64   64-65

G1:O,S,N

G2:Cy,Ak,H

G3:G2,H,[*1],[*2],[*3],[*4],[*5],[*6],[*7]

G4:G2,[*8],[*9]

5 Nov. 2007

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 20:CLASS 21:CLASS 22:CLASS
23:CLASS
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS
33:CLASS
34:CLASS 35:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS
55:CLASS
56:CLASS 57:CLASS 58:CLASS 59:CLASS 60:Atom 61:Atom 62:Atom 63:Atom 64:Atom
65:Atom

L1   STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful
FULL SEARCH INITIATED 14:01:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   0 TO ITERATE

100.0% PROCESSED   0 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

L2   0 SEA SSS FUL L1

5 Nov. 2007